

PATENT COOPERATION TREATY

From the
INTERNATIONAL SEARCHING AUTHORITY

To:

PCT
TRANSLATION

**WRITTEN OPINION OF THE
INTERNATIONAL SEARCHING AUTHORITY**

(PCT Rule 43bis.1)

		Date of mailing (day/month/year)
Applicant's or agent's file reference 5414PCT		FOR FURTHER ACTION See paragraph 2 below
International application No. PCT/JP2005/000275	International filing date (day/month/year) 13.01.2005	Priority date (day/month/year) 06.02.2004
International Patent Classification (IPC) or both national classification and IPC		
Applicant MURATA MANUFACTURING CO., LTD.		

1. This opinion contains indications relating to the following items:

- Box No. I Basis of the opinion
- Box No. II Priority
- Box No. III Non-establishment of opinion with regard to novelty, inventive step and industrial applicability
- Box No. IV Lack of unity of invention
- Box No. V Reasoned statement under Rule 43bis.1(a)(i) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement
- Box No. VI Certain documents cited
- Box No. VII Certain defects in the international application
- Box No. VIII Certain observations on the international application

2. FURTHER ACTION

If a demand for international preliminary examination is made, this opinion will be considered to be a written opinion of the International Preliminary Examining Authority ("IPEA") except that this does not apply where the applicant chooses an Authority other than this one to be the IPEA and the chosen IPEA has notified the International Bureau under Rule 66.1bis(b) that written opinions of this International Searching Authority will not be so considered.

If this opinion is, as provided above, considered to be a written opinion of the IPEA, the applicant is invited to submit to the IPEA a written reply together, where appropriate, with amendments, before the expiration of 3 months from the date of mailing of Form PCT/ISA/220 or before the expiration of 22 months from the priority date, whichever expires later.

For further options, see Form PCT/ISA/220.

3. For further details, see notes to Form PCT/ISA/220.

Name and mailing address of the ISA/JP	Authorized officer
Facsimile No.	Telephone No.

**WRITTEN OPINION OF THE
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International application No.
PCT/JP2005/000275

Box No. I	Basis of this opinion
	<p>1. With regard to the language, this opinion has been established on the basis of the international application in the language in which it was filed, unless otherwise indicated under this item.</p> <p><input type="checkbox"/> This opinion has been established on the basis of a translation from the original language into the following language _____, which is the language of a translation furnished for the purposes of international search (under Rule 12.3 and 23.1(b)).</p> <p>2. With regard to any nucleotide and/or amino acid sequence disclosed in the international application and necessary to the claimed invention, this opinion has been established on the basis of:</p> <ol style="list-style-type: none">a. type of material<p><input type="checkbox"/> a sequence listing <input type="checkbox"/> table(s) related to the sequence listing</p>b. format of material<p><input type="checkbox"/> in written format <input type="checkbox"/> in computer readable form</p>c. time of filing/furnishing<p><input type="checkbox"/> contained in the international application as filed. <input type="checkbox"/> filed together with the international application in computer readable form. <input type="checkbox"/> furnished subsequently to this Authority for the purposes of search.</p> <p>3. <input type="checkbox"/> In addition, in the case that more than one version or copy of a sequence listing and/or table(s) relating thereto has been filed or furnished, the required statements that the information in the subsequent or additional copies is identical to that in the application as filed or does not go beyond the application as filed, as appropriate, were furnished.</p> <p>4. Additional comments:</p>

WRITTEN OPINION OF THE INTERNATIONAL SEARCHING AUTHORITY		International application No. PCT/JP2005/000275
Box No. V	Reasoned statement under Rule 43bis.1(a)(i) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement	
1. Statement		
Novelty (N)	Claims	<u>1-10</u> YES
	Claims	_____ NO
Inventive step (IS)	Claims	_____ YES
	Claims	<u>1-10</u> NO
Industrial applicability (IA)	Claims	<u>1-10</u> YES
	Claims	_____ NO
2. Citations and explanations:		
Document 1: JP 2000-188218 A (TDK Corp), 04 July 2000, full text, all drawings (Family: none)		
Document 2: JP 2003-198221 A (FDK Corp), 11 July 2003, full text, all drawings (Family: none)		
Document 3: JP 8-191016 A (Murata Manufacturing Co Ltd), 23 July 1996, full text, all drawings (Family: none)		
Document 4: US 5-424694 A (Allied Signal Inc), 13 June 1995, full text, all drawings (Family: none)		
Document 5: JP 11-261313 A (Hitachi Metals Ltd), 24 September 1999, full text, all drawings (Family: none)		
Document 6: JP 2000-278149 A (Murata Manufacturing Co Ltd), 06 October 2000, paragraphs 0029-0031, Fig. 2 & EP 1134834 A1		
<p>- The inventions of claims 1-9 do not appear to involve an inventive step over documents 1-5. As described in documents 4 and 5, etc., forming two strip lines in parallel on both sides of a strip line and acquiring signals from those two strip lines is commonly done, and no particular difficulty is found in forming two balanced signal strip lines on both sides of the unbalanced signal strip line described in Fig. 2 of document 1, Fig. 3 of document 2, or Figs. 3 and 10 of document 3. Moreover, connecting an isolation resistor between the two balanced signal pins is a matter which can be appropriately done as needed.</p> <p>- The invention of claim 10 does not appear to involve an inventive step over documents 1-6. As described in document 6, etc., technology for positioning resistors on the surface of a laminate is commonly known.</p>		

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	Claims _____	NO
Inventive step (IS)	Claims _____	YES
	Claims 1-10	NO
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	Claims _____	NO
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